Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	19	"6379985" "6564445" "6103269" "6242276"	US-PGPUB; USPAT	OR	ON	2004/12/20 13:59
S2	33	"6379985" "5103269" "6388275" "6194742"	US-PGPUB; USPAT	OR	ON	2004/12/20 14:31
S3	253	(438/22.ccls. 438/23.ccls. 438/24.ccls. 438/41.ccls. 438/42.ccls. 438/43.ccls. 438/44.ccls. 438/45.ccls. 438/46.ccls. 438/47.ccls.) and @pd>"20040618"	US-PGPUB; USPAT	OR	ON	2004/12/20 15:18
S4	15	GaN and (roughness with reduc$5 with etch$5)	US-PGPUB; USPAT	OR	ON	2004/12/21 20:29
S5	4	"6564445"	US-PGPUB; USPAT	OR	ON	2004/12/21 11:19
S6	1	("6242276").PN.	US-PGPUB; USPAT	OR	OFF	2004/12/21 11:25
S7	428	roughness with reduc$5 with etch$5	US-PGPUB; USPAT	OR	ON	2004/12/22 12:46
S8	428	roughness with reduc$5 with etch$5	US-PGPUB; USPAT	OR	ON	2004/12/22 19:51
S9	37	S8 and (light adj emitt$7)	US-PGPUB; USPAT	OR	ON	2004/12/22 19:05
S10	2	"6488767"	DERWENT	OR	ON	2004/12/22 19:18
S11	2	(U11-A01B and U11-C01J4A).epi.	DERWENT	OR	ON	2004/12/22 19:19
S12	1	(L04-A02B1 and L04-B04A and L04-B04B and L04-C18 and L04-E03).cpi.	DERWENT	OR	ON	2004/12/22 19:19
S13	630	(roughness with reduc$5 with reduc$5) and (light adj emitt$5)	US-PGPUB; USPAT	OR	ON	2004/12/22 20:16
S14	17	S13 and ((roughness with reduc$5 with reduc$5) same sapphire)	US-PGPUB; USPAT	OR	ON	2004/12/22 19:53
S15	538	(surface with roughness with reduc$5) and (light adj emitt$5)	US-PGPUB; USPAT	OR	ON	2004/12/22 20:17
S17	5	S15 and ((surface with roughness with reduc$5) with etch$5 with (dry reactive$1ion rie))	US-PGPUB; USPAT	OR	ON	2004/12/22 20:34
S18	27	(surface with roughness with reduc$5) with etch$5 with (dry reactive$1ion rie)	US-PGPUB; USPAT	OR	ON	2004/12/22 20:34
S19	22	S18 not S17	US-PGPUB; USPAT	OR	ON	2004/12/22 20:56
S21	129	(light near emitt$5) and (substrate with rough$7 with surface with reduc$7)	US-PGPUB; USPAT	OR	ON	2004/12/22 21:43
S22	127	S21 not (S18 S19)	US-PGPUB; USPAT	OR	ON	2004/12/22 20:58

S23	6	(light near emitt$5) and (substrate with rough$7 with surface with reduc$7)	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/22 21:43
S24	8	(roughness with reduc$5 with (transparent near substrate))	US-PGPUB; USPAT	OR	ON	2004/12/23 12:34
S25	10	((light adj emitt$5) led) and (scribe with plasma with etch$5)	US-PGPUB; USPAT	OR	ON	2004/12/23 12:45
S26	28	(scribe with plasma with etch$5)	US-PGPUB; USPAT	OR	ON	2004/12/23 14:43
S27	28	"5814532" "5974069" "6583442"	US-PGPUB; USPAT	OR	ON	2004/12/23 13:50
S28	563	(scribe with etch$5)	US-PGPUB; USPAT	OR	ON	2004/12/23 14:47
S29	72	S28 and ((light adj emitt$5) led)	US-PGPUB; USPAT	OR	ON	2004/12/23 14:47
S30	281	(ion adj beam adj etch$5) near (chemically adj assist$5)	US-PGPUB; USPAT	OR	ON	2004/12/23 18:47
S31	89	S30 same plasma	US-PGPUB; USPAT	OR	ON	2004/12/23 18:48
S32	33	S31 and inductive$3	US-PGPUB; USPAT	OR	ON	2004/12/23 18:48
S33	85	scrib$5 with plasma with etch$5	US-PGPUB; USPAT	OR	ON	2004/12/29 09:52
S34	6	scrib$5 with icp	US-PGPUB; USPAT	OR	ON	2004/12/29 09:54
S35	1	"6818532" "20030190770"	DERWENT	OR	ON	2004/12/29 09:55
S36	5	(U11-C06A2 and U11-C07A1 and V05-F05C).epi.	DERWENT	OR	ON	2004/12/29 09:58
S37	8	(("5607542") or ("5972781") or ("6027595") or ("6261929") or ("6518206") or ("6569343") or ("6579802") or ("20030114017")).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/29 10:08
S39	10651	icp	US-PGPUB; USPAT	OR	ON	2004/12/29 10:08
S40	168	S39 and scrib$5	US-PGPUB; USPAT	OR	ON	2004/12/29 10:14
S41	1	"6818532"	US-PGPUB; USPAT	OR	ON	2004/12/29 11:31
S42	430	substrate with polish$5 with etch$5 with (dry rie icp)	US-PGPUB; USPAT	OR	ON	2004/12/29 12:35
S43	50	S42 and (light adj emit$7)	US-PGPUB; USPAT	OR	ON	2004/12/29 12:35
S44	13	(transparent near substrate) with (reflectiv$5 near layer) with (polish$5 (reduc$5 near$2 roughness))	US-PGPUB; USPAT	OR	ON	2004/12/29 14:34

S45	6	(icp inductiv$4coupl$5) with scrib$5	US-PGPUB; USPAT	OR	ON	2005/01/03 16:43
S46	31	(rie reactive$1ion) with scrib$5	US-PGPUB; USPAT	OR	ON	2005/01/03 17:00
S47	32	((light adj emit$7) led) and ((scrib$5 with ion with etch$5) (scrib$5 with rie))	US-PGPUB; USPAT	OR	ON	2005/01/03 17:03
S48	23	S47 not S46	US-PGPUB; USPAT	OR	ON	2005/01/03 17:03
S49	1	((light adj emitt$5) led (diode near laser)) and (reflective near laser) and (substrate near sapphire)	US-PGPUB; USPAT	OR	ON	2005/01/04 14:14
S50	175	((light adj emitt$5) led (diode near laser)) and (reflective near layer) and (substrate near sapphire)	US-PGPUB; USPAT	OR	ON	2005/01/04 14:15
S51	14	S50 and ((reflective near layer) with (substrate near sapphire))	US-PGPUB; USPAT	OR	ON	2005/01/04 14:40
S52	11	"5939735"	US-PGPUB; USPAT	OR	ON	2005/01/04 15:20
S53	32	((("5148190") or ("5248792") or ("5310967") or ("5593815") or ("5904548") or ("5939735") or ("4973136") or ("5055893") or ("5132750") or ("5384649") or ("3740622") or ("4636821") or ("4811352") or ("5103269") or ("5162878") or ("5198690") or ("5444270") or ("5568499") or ("5616937") or ("5821569") or ("5821571") or ("5917202") or ("5925896") or ("5939735") or ("5952681") or ("6054716") or ("6072197") or ("6084252") or ("6097040") or ("6121636") or ("6331450") or ("6339233") or ("6369506")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/04 15:22
S55	214	sapphire with rough$7	US-PGPUB; USPAT	OR	ON	2005/01/04 17:10
S56	557	sapphire with (rough$7 smooth$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 17:10
S57	53	S56 with (reduc$7 less$9)	US-PGPUB; USPAT	OR	ON	2005/01/04 17:27
S58	2415	(sapphire "Al.sub.2O.sub.3") with (polish$5 etch$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 18:51
S59	138	S58 with (dry near etch$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 17:29
S60	61	S59 and (rough$5 smooth$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 17:30

S61	76	(sapphire "Al.sub.2O.sub.3") with polish$5 with etch$5	US-PGPUB; USPAT	OR	ON	2005/01/04 18:53
S62	2414	(sapphire "Al.sub.2O.sub.3") with (polish$5 etch$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 18:52
S63	138	S62 with (dry near etch$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 18:52
S64	61	S63 and (rough$5 smooth$5)	US-PGPUB; USPAT	OR	ON	2005/01/04 18:52
S65	66	S61 not S64	US-PGPUB; USPAT	OR	ON	2005/01/04 18:52
S66	5	S65 and (polish$5 with etch$5 with dry)	US-PGPUB; USPAT	OR	ON	2005/01/04 18:53